



# KENTUCKY DEPARTMENT OF EDUCATION

## NEWS RELEASE

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**\*\*NOTE TO EDITORS/REPORTERS: NAEP SCORES ARE NOT REPORTED FOR DISTRICTS, SCHOOLS OR STUDENTS.\*\***

## KENTUCKY'S NAEP SCORES CONTINUE TO SHOW IMPROVEMENT

(FRANKFORT, KY.) -- The results of the 2011 National Assessment of Educational Progress (NAEP) in mathematics and reading show that Kentucky's 4th graders and 8th graders made gains and outperformed the nation in some areas.

The data indicate that:

- Both 4th- and 8th-grade math scale scores in Kentucky improved from 2009 to 2011.
- In reading, both 4th- and 8th-grade scale scores in Kentucky are higher than the national average in 2011.
- Kentucky's 8th graders made gains in reading and math when compared to the state's performance in 2009; however, Kentucky's 2011 4th-grade reading scale score dropped one point when compared to 2009.
- Kentucky's results have remained steady over the past few years, with minor gains and losses. Since 2000, Kentucky's 4th graders have gained 20 points on the NAEP mathematics assessment, and 8th graders have gained 12 points. Since 1998, Kentucky's 4th graders have gained 7 points on the NAEP reading assessment, and 8th graders also have gained 7 points.

The NAEP grading scale ranges from 0 to 500. Students' performance on NAEP fits into one of four categories: Below Basic, Basic, Proficient or Advanced. In Kentucky, in mathematics, 85 percent of 4th graders and 72 percent of 8th graders scored at the Basic level or above. In reading, 72 percent of 4th graders and 79 percent of 8th graders scored at the Basic level or above.

### NAEP MATHEMATICS SCALE SCORES – TRENDS SINCE 2000

	KENTUCKY 4TH-GRADE SCALE SCORE	NATIONAL AVERAGE 4TH-GRADE SCALE SCORE	KENTUCKY 8TH-GRADE SCALE SCORE	NATIONAL AVERAGE 8TH-GRADE SCALE SCORE
2000	221	226	270	272
2003	229	234	274	276
2005	231	237	274	278
2007	235	239	279	280
2009	239	239	279	282
<b>2011</b>	<b>241</b>	<b>240</b>	<b>282</b>	<b>283</b>

(more)

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**NAEP READING SCALE SCORES – TRENDS SINCE 1998**

	<b>KENTUCKY 4TH-GRADE SCALE SCORE</b>	<b>NATIONAL AVERAGE 4TH-GRADE SCALE SCORE</b>	<b>KENTUCKY 8TH- GRADE SCALE SCORE</b>	<b>NATIONAL AVERAGE 8TH-GRADE SCALE SCORE</b>
1998	218	213	262	261
2002	219	217	265	263
2003	219	216	266	261
2005	220	217	264	260
2007	222	220	262	261
2009	226	220	267	262
<b>2011</b>	<b>225</b>	<b>220</b>	<b>269</b>	<b>264</b>

2003 marked the first year NAEP was administered under the No Child Left Behind (NCLB) Act of 2001. Under NCLB, states applying for Title I funds must indicate that they plan to participate in NAEP. In 2011, all 50 states, along with the District of Columbia and Department of Defense schools, participated in the NAEP reading and mathematics assessments.

**2011 MATHEMATICS NAEP SCALE SCORES – KENTUCKY COMPARED TO OTHER  
STATES/JURISDICTIONS**

	<b>STATES/JURDISTICTIONS SCORING LOWER THAN KY</b>	<b>STATES/JURDISTICTIONS SCORING HIGHER THAN KY</b>	<b>STATES/JURDISTICTIONS SCORING ABOUT THE SAME AS KY</b>
<b>4TH-GRADE MATHEMATICS</b>	18	18	15
<b>8TH-GRADE MATHEMATICS</b>	12	25	14

**2011 READING NAEP SCALE SCORES – KENTUCKY COMPARED TO OTHER  
STATES/JURISDICTIONS**

	<b>STATES/JURDISTICTIONS SCORING LOWER THAN KY</b>	<b>STATES/JURDISTICTIONS SCORING HIGHER THAN KY</b>	<b>STATES/JURDISTICTIONS SCORING ABOUT THE SAME AS KY</b>
<b>4TH-GRADE READING</b>	30	5	16
<b>8TH-GRADE READING</b>	27	7	17

NAEP reports data based on whether accommodations were allowed in the testing process, meaning that students with disabilities and those considered to have limited English proficiency (LEP) can have special assistance in order to complete the test. Certain students may be excluded from the test, based on teacher recommendations using students' Individual Education Plans (IEPs).

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NAEP does not allow all the accommodations Kentucky students need and are allowed on the state's tests. Kentucky also offers an alternate assessment program for those students with the most severe disabilities, and NAEP does not offer an alternate assessment.

For more than 40 years, NAEP has been the country's only nationally representative and continuing survey of students' educational achievement. The assessment is authorized by Congress, directed by the National Center for Education Statistics and developed by Educational Testing Service of Princeton, New Jersey. Westat, Inc. of Rockville, Maryland, conducts sample selection and data collection.

NAEP protects the confidentiality of students, teachers and schools that participate by not reporting individual student, teacher or school data. NAEP provides results for major demographic groups, and states that meet NAEP reporting criteria are able to compare their results with both national results and the results of other states.

More information is available from <http://nces.ed.gov/nationsreportcard/>. Please see the tables on the following pages for detailed information about Kentucky's 4th- and 8th-grade NAEP scale scores by gender, free/reduced-price meal eligibility and ethnicity.

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**NAEP MATHEMATICS SCALE SCORES BY GENDER**

	<b>4TH GRADE MALE- KENTUCKY (NATION)</b>	<b>4TH GRADE FEMALE - KENTUCKY (NATION)</b>	<b>8TH GRADE MALE- KENTUCKY (NATION)</b>	<b>8TH GRADE FEMALE - KENTUCKY (NATION)</b>
2000	220 (225)	219 (223)	271 (273)	269 (271)
2003	230 (235)	227 (233)	275 (277)	274 (275)
2005	233 (238)	230 (236)	275 (278)	273 (277)
2007	237 (240)	234 (238)	280 (281)	277 (279)
2009	240 (240)	238 (238)	281 (283)	278 (281)
<b>2011</b>	<b>242 (241)</b>	<b>240 (239)</b>	<b>282 (283)</b>	<b>281 (282)</b>

**NAEP MATHEMATICS SCALE SCORES BY FREE OR REDUCED-PRICE MEAL ELIGIBILITY**

	<b>4TH GRADE ELIGIBLE- KENTUCKY (NATION)</b>	<b>4TH GRADE NOT ELIGIBLE - KENTUCKY (NATION)</b>	<b>8TH GRADE ELIGIBLE- KENTUCKY (NATION)</b>	<b>8TH GRADE NOT ELIGIBLE - KENTUCKY (NATION)</b>
2000	207 (208)	230 (235)	255 (253)	280 (283)
2003	220 (222)	237 (244)	261 (258)	284 (287)
2005	224 (225)	240 (248)	264 (261)	283 (288)
2007	226 (227)	245 (249)	267 (265)	288 (291)
2009	229 (228)	249 (250)	268 (266)	290 (293)
<b>2011</b>	<b>232 (229)</b>	<b>251 (252)</b>	<b>271 (269)</b>	<b>294 (295)</b>

**NAEP MATHEMATICS SCALE SCORES BY RACE**

	<b>4TH GRADE WHITE- KENTUCKY (NATION)</b>	<b>4TH GRADE AFRICAN AMERICAN - KENTUCKY (NATION)</b>	<b>8TH GRADE WHITE- KENTUCKY (NATION)</b>	<b>8TH GRADE AFRICAN AMERICAN - KENTUCKY (NATION)</b>
2000	223 (233)	196 (203)	272 (283)	250 (243)
2003	231 (243)	214 (216)	277 (287)	250 (252)
2005	234 (246)	217 (220)	276 (288)	255 (254)
2007	238 (248)	219 (222)	282 (290)	257 (259)
2009	241 (248)	220 (222)	282 (292)	258 (260)
<b>2011</b>	<b>243 (249)</b>	<b>225 (224)</b>	<b>284 (293)</b>	<b>261 (262)</b>

**NAEP READING SCALE SCORES BY GENDER**

	<b>4TH GRADE MALE- KENTUCKY (NATION)</b>	<b>4TH GRADE FEMALE - KENTUCKY (NATION)</b>	<b>8TH GRADE MALE- KENTUCKY (NATION)</b>	<b>8TH GRADE FEMALE - KENTUCKY (NATION)</b>
1998	216 (210)	219 (215)	256 (253)	269 (268)
2002	215 (214)	224 (220)	261 (258)	270 (267)
2003	215 (213)	223 (220)	261 (256)	272 (267)
2005	218 (214)	222 (220)	258 (255)	270 (266)
2007	219 (216)	226 (223)	257 (256)	266 (266)
2009	222 (216)	229 (223)	263 (258)	271 (267)
<b>2011</b>	<b>223 (217)</b>	<b>227 (223)</b>	<b>264 (259)</b>	<b>274 (268)</b>

**NAEP READING SCALE SCORES BY FREE OR REDUCED-PRICE MEAL ELIGIBILITY**

	<b>4TH GRADE ELIGIBLE- KENTUCKY (NATION)</b>	<b>4TH GRADE NOT ELIGIBLE - KENTUCKY (NATION)</b>	<b>8TH GRADE ELIGIBLE- KENTUCKY (NATION)</b>	<b>8TH GRADE NOT ELIGIBLE - KENTUCKY (NATION)</b>
1998	206 (195)	227 (226)	251 (245)	270 (268)
2002	209 (202)	229 (229)	253 (249)	273 (271)
2003	209 (201)	229 (229)	257 (246)	273 (271)
2005	212 (203)	228 (230)	256 (247)	271 (270)
2007	212 (205)	234 (232)	252 (247)	271 (271)
2009	215 (206)	236 (232)	257 (249)	276 (273)
<b>2011</b>	<b>216 (207)</b>	<b>236 (234)</b>	<b>260 (251)</b>	<b>278 (275)</b>

**NAEP READING SCALE SCORES BY RACE**

	<b>4TH GRADE WHITE- KENTUCKY (NATION)</b>	<b>4TH GRADE AFRICAN AMERICAN - KENTUCKY (NATION)</b>	<b>8TH GRADE WHITE- KENTUCKY (NATION)</b>	<b>8TH GRADE AFRICAN AMERICAN - KENTUCKY (NATION)</b>
1998	220 (223)	199 (192)	264 (268)	246 (242)
2002	222 (227)	199 (198)	267 (271)	248 (244)
2003	221 (227)	202 (197)	269 (270)	245 (244)
2005	222 (228)	203 (199)	266 (269)	248 (242)
2007	225 (230)	203 (203)	264 (270)	247 (244)
2009	228 (229)	204 (204)	269 (271)	249 (245)
<b>2011</b>	<b>226 (230)</b>	<b>210 (205)</b>	<b>271 (272)</b>	<b>248 (248)</b>

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